

Features

Metric					
Code No.					
1160T	✓	—	✓	—	—
1960T	—	✓	✓	✓	✓
2960T	—	✓	✓	✓	✓

Inch					
Code No.					
1166T	✓	—	✓	—	—
1167T	—	✓	✓	—	—
1168T	✓	—	✓	—	—
2961T	—	✓	✓	✓	✓

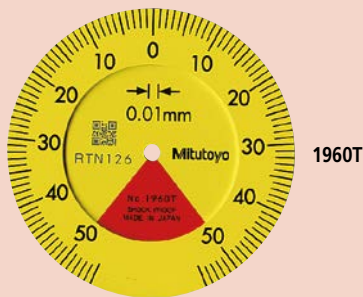
Optional Accessories

Code No.	Description
Holding bars	
124625	øD: 6.35 mm, L: 81 mm
136567	øD: 6 mm, L: 81 mm
136568	øD: 8 mm, L: 81 mm
21AAA166	øD: 6 mm, L: 42 mm
21AAA167	øD: 6.35 mm, L: 42 mm
21AAA168	øD: 8 mm, L: 42 mm

Note: øD and L are as in diagram below right.

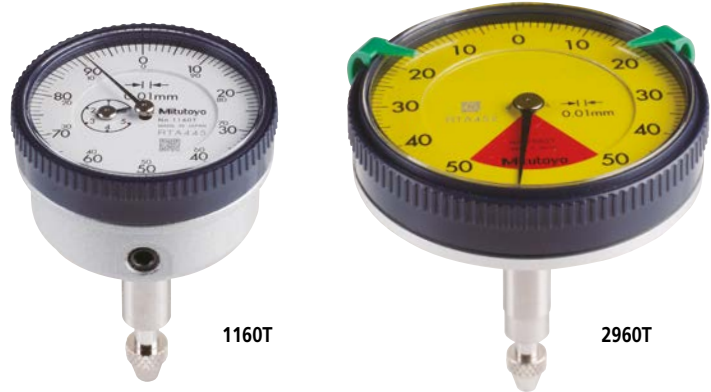
Contact points for Mitutoyo's dial indicators refer to pages F-37 to F-40 for details.

Measuring stands refer to pages F-67 to F-72 for details.



SERIES 1 and 2 – Back Plunger Dial Indicators

- Back plunger type dial gauges are suitable for mounting onto levelling machine tool tables or inspection jigs, and for use in situations where standard dial gauges are difficult to read.
- Models 1960T and 2960T, which use Mitutoyo's proprietary shock-proofing mechanism, have excellent durability and shock resistance.



Specifications

Metric										
Code No.	Graduation	Range (range/rev)	Accuracy				Repeat-ability	Scale	Measuring force	
			Overall	Retrace	1/10 rev	1 rev				
1960T		1 mm (1.27 mm)	14 µm			—		50-0-50		
1160T	0.01 mm	5 mm (1 mm)	16 µm	4 µm	8 µm	14 µm	3 µm	0-100	1.4 N or less	
2960T		1 mm (1.27 mm)	14 µm			—		50-0-50		

Inch									
Code No.	Graduation	Range (range/rev)	Accuracy		Repeat-ability	Scale	Measuring force		
			First rev / 2.5 rev / 10 rev	Retrace					
1166T		.2" (.05")	±.001" / ±.001" / ±.001"		.00033"	±.0002"		±0-50	
1167T	.001"	.2" (.05")			.00033"	±.0002"		0-25-0	1.4 N or less
1168T		.2" (.05")			.00033"	±.0002"		50-0	
2961T	.0005"	.04" (.05")	±.0005" / — / —		.00016"	±.0001"		20-0-20	

Dimensions

